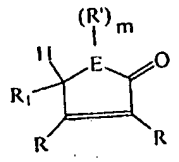
Abstract of Disclosure

The oxidation of a polymer is inhibited by adding to the polymer about 0.005 to about 10 phr of an antioxidant having (in non-polymeric form) the general formula



The polymer can be poly(vinylchloride), a polycarbonate, a polyether, polyethylene, polypropylene, or a mixture thereof when the antioxidant is not phthalide and can be poly (vinylchloride), a polycarbonate, a polyether, or a mixture thereof when the antioxidant is phthalide. In the formula, E is O, S, or N, R_1 is H, R', OR', SR', $OP(R')_2$, or COR', each R is independently selected from R_1, alkylenyl from C_1 to C_{12}, aminoalkyl from C_1 to C_{12}, and hydroxyalkyl from C_1 to C_{12}, R' is alkyl from C_1 to C_{12} or aryl, alkylaryl, or aralkyl from C_6 to C_{12}, R" is G, GO, GS, GNH, NHG, NHGO, NHGNH, NHGS, OG, OGO, OGNH, OGS, SGO, SGNH, or SGS, G is alkylenyl from C_1 to C_{12}, arylenyl from C_6 to C_{12}, alkylarylenyl from C_7 to C_{12}, or arylalkylenyl from C_7 to C_{12}, m is 0 if E is O or S and is 1 if E is N, and two R groups can join to form an alicyclic ring or an aromatic ring or an R group and an R_1 group can join to form an alicyclic ring.